



Patent Application No. 09/967,107
Attorney Docket No. PC10217A

03/04
#7

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to:
Box Patent Application, Commissioner For Patents, Washington, D.C. 20231 on this 28th day of August, 2002.

By

(Signature of person mailing)

Erica L. Smith

(Typed or printed name of person)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: **John F. Thompson**

APPLICATION NO.: **09/967,107**

: Examiner: **Not Yet Assigned**

FILING DATE: **September 28, 2001**

: Group Art Unit: **1614**

TITLE: **Assay for the Determination of Functional**

Binding of Compounds to Receptors

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

**STATEMENT REGARDING SUBMISSION
OF SEQUENCE LISTING UNDER 37 C.F.R. §1.821(f)**

I hereby state that the information recorded in computer readable form is identical to
the written sequence listing.

Respectfully submitted,

Date: **August 28, 2002**

Pfizer Inc.
Patent Department, MS 8260-1611
Eastern Point Road
Groton, Connecticut 06340
(860) 715-5747

Jennifer A. Kispert
Attorney for Applicant(s)
Reg. No. 40,049

9/12
8

ENTERED

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/967,107B

DATE: 09/17/2002
 TIME: 13:22:32

Input Set : A:\EP.txt
 Output Set: N:\CRF4\09172002\I967107B.raw

3 <110> APPLICANT: Pfizer Inc.
 4 Thompson, John F.
 6 <120> TITLE OF INVENTION: ASSAY FOR THE DETERMINATION OF FUNCTIONAL BINDING OF
 COMPOUNDS TO
 7 RECEPTORS
 9 <130> FILE REFERENCE: PC10217AJAK
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/967,107B
 C--> 11 <141> CURRENT FILING DATE: 2002-08-28
 11 <150> PRIOR APPLICATION NUMBER: US 60/237,544
 12 <151> PRIOR FILING DATE: 2000-09-30
 14 <160> NUMBER OF SEQ ID NOS: 8
 16 <170> SOFTWARE: PatentIn version 3.1
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 29
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Homo sapiens
 23 <400> SEQUENCE: 1
 24 gccagctagg atccgtcggg atgtcacac 29
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 29
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Homo sapiens
 32 <400> SEQUENCE: 2
 33 tcgatcgcgg ccgctcagta catgtccct 29
 36 <210> SEQ ID NO: 3
 37 <211> LENGTH: 29
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Homo sapiens
 41 <400> SEQUENCE: 3
 42 gccagctagg atcccacaaa ctagtgcag 29
 45 <210> SEQ ID NO: 4
 46 <211> LENGTH: 37
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Homo sapiens
 50 <400> SEQUENCE: 4
 51 tcgatcgaat tcccatggct ccagttgatc ttaaatic 37
 54 <210> SEQ ID NO: 5
 55 <211> LENGTH: 29
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Homo sapiens
 59 <400> SEQUENCE: 5
 60 gccagctagg atccctgggc atgtcacac 29
 63 <210> SEQ ID NO: 6
 64 <211> LENGTH: 29

RAW SEQUENCE LISTING

DATE: 09/17/2002

PATENT APPLICATION: US/09/967,107B

TIME: 13:22:32

Input Set : A:\EP.txt

Output Set: N:\CRF4\09172002\I967107B.raw

```

65 <212> TYPE: DNA
66 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 6
69 tcgatcgcg cgcttagta catgtcctt 29
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 399
74 <212> TYPE: DNA
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 7
78 cacaaactag tgcagctttt gacaacaact gccgaacagc agttacggca tgctgatata 60
80 gacacaagct gcaaagatgt cctgtcttgc acaggcactt ccaactctgc ctctgctaac 120
82 tottcaggag gttcttgtcc ctcttctcat agctcattga cagaacggca taaaattcta 180
84 caccggctct tacaggaggg tagccctcca gatatcacca ctttgtctgt cgagcctgat 240
86 aaaaaggaca gtgcatctac ttctgtgtca gtgactggac aggtacaagg aaactccagt 300
88 ataaaactag aactggatgc ttcaaagaaa aaagaatcaa aagaccatca gctcctacgc 360
90 tatcttttag ataaagatga gaaagattta agatcaact 399
93 <210> SEQ ID NO: 8
94 <211> LENGTH: 1814
95 <212> TYPE: DNA
96 <213> ORGANISM: Photinus pyralis
98 <400> SEQUENCE: 8
99 ccatggaaga cgccaaaaac ataaagaaag gcccggcgcc attctatcct ctagaggatg 60
101 gaaccgctgg agagcaactg cataaggcta tgaagagata cgccctgggt cctggaacaa 120
103 ttgcttttac agatgcacat atcgaggtag acatcacgta cgcggaatac ttcgaaatgt 180
105 cgttccggtt ggcagaagct atgaaacgat atgggctgaa tacaaatcac agaatcgctg 240
107 tatgcagtga aaactctctt caattcttta tgccggtggt gggcgcggtta tttatcggag 300
109 ttgcagttgc gcccggaac gacatttata atgaacgtga attgctcaac agtatgaaca 360
111 tttcgcagcc taccgtagt tttgtttcca aaaaggggtt gcaaaaaatt ttgaacgtgc 420
113 aaaaaaaatt accaataatc cagaaaatta ttatcatgga ttctaaaacg gattaccagg 480
115 gatttcagtc gatgtacacg ttgcgtcacat ctcatctacc tcccggtttt aatgaatacg 540
117 attttgtacc agagtccttt gatcgtgaca aaacaattgc actgataatg tatacctctg 600
119 gatccactgg gttacctaag ggtgtggccc ttccgcatag aactgcctgc gtcagattct 660
121 cgcagtcacg agatcctatt tttggcaatc aaatcattcc ggatactgcg attttaagt 720
123 ttgttccatt ccatcacggt tttggaatgt ttactacact cggatatttg atatgtggat 780
125 ttcgagtcgt cttaatgtat agatttgaag aagagctggt tttacgatcc cttcaggatt 840
127 acaaaattca aagtgcgttg ctagtaccaa ccctattttc attcttcgcc aaaagcactc 900
129 tgattgacaa atacgattta tctaatttac acgaaattgc ttctgggggc gcacctcttt 960
131 cgaaagaagt cggggaagcg gttgcaaaac gcttccatct tccagggaata cgacaaggat 1020
133 atgggctcac tgagactaca tcagctattc tgattacacc cgagggggat gataaaccgg 1080
135 gcgcggtcgg taaagtgtgt ccattttttg aagcgaaggt tgtggatctg gataccggga 1140
137 aaacgctggg cgttaatcag agaggcgaat tatgtgtcag aggacctatg attatgtccg 1200
139 gttatgtaaa caatccggaa gcgaccaacg ccttgattga caaggatgga tggctacatt 1260
141 ctggagacat agcttactgg gacgaagacg aacacttctt catagttgac cgcttgaagt 1320
143 ctttaattaa atacaaagga tatcagggtg ccccgcgtga attggaatcg atattgttac 1380
145 aacaccccaa catcttcgac gcgggcgtgg caggtcttcc cgacgatgac gccggtgaac 1440
147 ttcccgccgc cgttgttgtt ttggagcacg gaaagacgat gacggaaaaa gagatcgtg 1500
149 attacgtcgc cagtcaagta acaaccgca aaaagtgtgt cggaggagtt gtgtttgtg 1560
151 acgaagtacc gaaaggtctt accggaaaac tcgacgcaag aaaaatcaga gagatcctca 1620
153 taaaggccaa gaagggcgga aagtccaaat tgtaaatgt aactagtatt cagcgatgac 1680

```

RAW SEQUENCE LISTING

DATE: 09/17/2002

PATENT APPLICATION: US/09/967,107B

TIME: 13:22:32

Input Set : A:\EP.txt

Output Set: N:\CRF4\09172002\I967107B.raw

155	gaaattctta	gctattgtaa	tattatatgc	aaattgatga	atggtaattt	tgtaattgtg	1740
157	ggtcactgta	ctattttaac	gaataataaa	atcaggtata	ggtaactaaa	aagaattcga	1800
159	gctcgggtacc	cggg					1814

VERIFICATION SUMMARY

DATE: 09/17/2002

PATENT APPLICATION: US/09/967,107B

TIME: 13:22:33

Input Set : A:\EP.txt

Output Set: N:\CRF4\09172002\I967107B.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date